DEVOTEC industries

Solar Sound 2


User manual

Contents

Package contents

Main unit

3.5mm-3.5mm retractable stereo audio cable
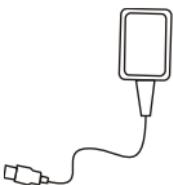
Mains plug and USB-mini USB retractable charging cable

Carrying case

User manual

Welcome

Thank you for your purchase of our Solar Sound 2 Bluetooth* stereo player. This user manual will help you understand the features and how to operate the speaker correctly. Please read this manual before using the Solar Sound 2.

You will find the Solar Sound 2 to be convenient, compact and easy to use. It can be connected wirelessly to almost any Bluetooth device, or by wire to any music source with a 3.5mm jack.

Please note that your Bluetooth music source must be able to transmit A2DP stereo – if not, please use the provided 3.5mm audio line-in jack on the rear of the Solar Sound 2.

* Bluetooth is a registered trademark of Bluetooth Special Interest Group.

Key to parts

Microphone

LED indicators

Button C

Button A

Button B

DEVOTEC SOLAR SOUND 2

LINE OUT   USB IN   LINE IN

Power on/off

Analogue audio in

USB charging in

Analogue audio out
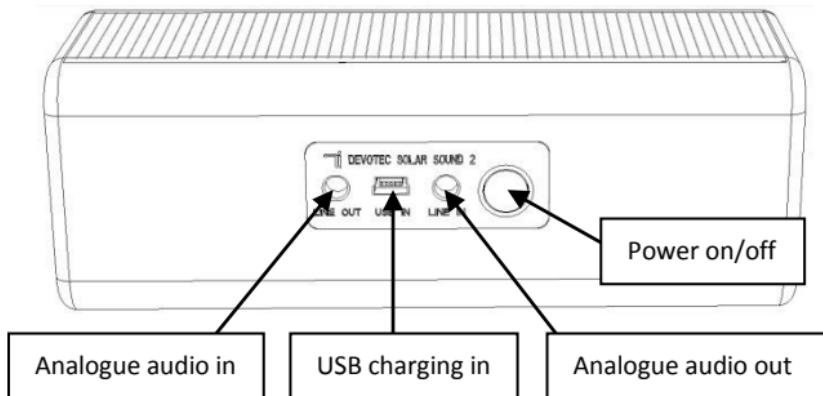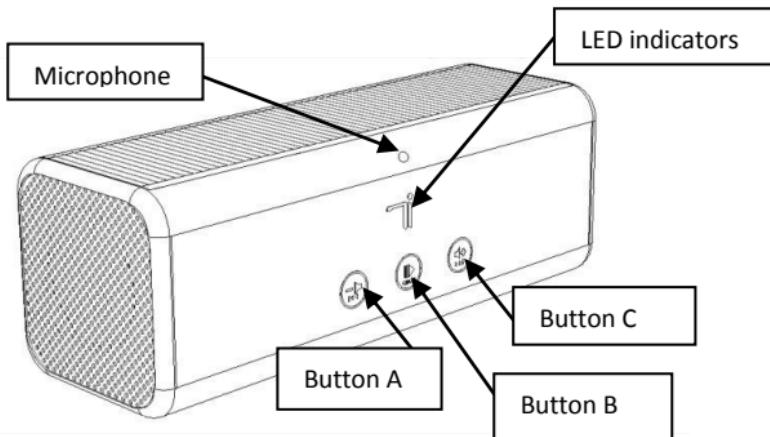
Overview

The Solar Sound 2 can be used in a number of different ways as illustrated below. It can play Bluetooth music from a wide variety of sources, can play any music from a 3.5mm jack and can even be used to send Bluetooth music from a portable device to a home Hi-Fi using the line-out jack (not shown)

Bluetooth enabled
phone or tablet

Bluetooth enabled laptop
or PC
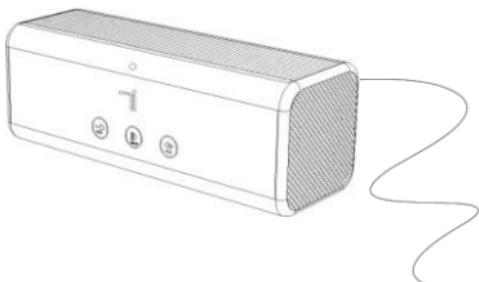
Any music device
with 3.5mm jack

Playing analogue music

Clearest sound quality and longest playback time is possible when using the supplied analogue audio cable to connect your music device to the Solar Sound 2.

To do this, first connect the cable between your music device and the Solar Sound 2 line-in jack, then turn on by pressing the power button. The unit will display a continuous blue light to show it is connected and ready to play music. Music volume can be adjusted using buttons A and C, and to turn the unit into standby mode, press and hold button B.

The analogue cable can also be connected during Bluetooth mode, and once a cable is inserted into the line-in jack, the Solar Sound 2 will automatically switch from Bluetooth mode to analogue mode.

Note that the line-out for connecting to a Hi-Fi will only function in Bluetooth mode.

Playing Bluetooth music

Using Bluetooth allows music to be streamed wirelessly and conveniently to the Solar Sound 2 from approximately 10 meters /33 feet away (further is possible in a direct line of sight).

First, turn on the Solar Sound 2. After the beep sound the unit will search for previously paired devices for 8 seconds. If no previously paired devices are found then it will enter pairing mode for 3 minutes. ''Paired'' and ''pairing'' refers to the process of two Bluetooth devices connecting to each other, in this case the Solar Sound 2 and your music device / phone. During pairing mode, the red and blue lights flash alternately and your phone or music device can discover and connect to the Solar Sound 2.

To do this, first turn on Bluetooth on your music device (mobile phone, MP3 player, computer or other). Then, search for other Bluetooth devices according to the instructions for your device. You will discover Solar Sound 2 on the list of available Bluetooth devices. Then click 'connect'. When prompted (sometimes it is not required), enter the pass code '0000'. That is, 4 zeros.

For a walkthrough of this procedure on an iPhone, please visit our website here: http://devotecindustries.com/solar-sound and choose the interactive graphic at the bottom of the page.

After this procedure the Solar Sound 2 should have connected and be displaying a continuous blue light, and you can proceed to play music and use hands free speakerphone.

To avoid loss of connection, avoid blocking the line of sight between the music device and the Solar Sound 2, and keep the device and Solar Sound 2 stationary relative to one another. Also avoid placing your mobile phone too close to the Solar Sound 2 as it can cause interference.

The Bluetooth antenna is located on the front of the Solar Sound 2, so it is better to place your Bluetooth music source in front as well for maximum range.

Controlling the Solar Sound 2

The touch panel controls can be used after the power button on the rear of the unit has been switched on. We will refer to the buttons as A, B and C:
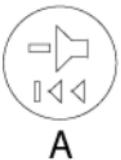
		Analogue mode	Bluetooth mode
A	Short press	Volume down	Volume down
	Long press (hold for 2 seconds)	N/A	Skip music track backward
B	Short press	N/A	Play music / pause music / accept incoming phone call / end phone call
	Long press (hold for 2 seconds)	Enter standby / resume from standby	Enter standby / resume from standby
C	Short press	Volume up	Volume up
	Long press (hold for 2 seconds)	N/A	Skip music track forward

Key to LED light indicators

LED light	Meaning
Flashing red for 8 seconds after power on	Searching for previously paired devices
Flashing red and blue	Bluetooth pairing mode (lasts for 3 minutes)
Continuous blue	Bluetooth OR line-in is connected, ready to play music
Flashing green	In standby mode
Continuous green	A button is being pressed OR battery is fully charged
Flashing red	Battery is low, recharge
Continuous yellow	The battery is charging from the solar panel
Continuous red	The battery is charging from USB/mains power

Taking phone calls

The Solar Sound 2 can be used as a hands free speakerphone when connected over Bluetooth to a suitable mobile phone. When the phone has an incoming call, the Solar Sound 2 will play a ringing tone. To accept the call, press button B. Any music playing will automatically pause and you can use the integrated microphone to talk on the phone. When the phone call is over any music playing will automatically resume. To hang up the phone call at any time, press button B.

Using the line-out

The line-out jack on the Solar Sound 2 is ideal for sending Bluetooth music from your portable device to your home Hi-Fi. To use, simply play music on Bluetooth mode and plug the supplied 3.5mm-3.5mm cable from the Solar Sound 2 line-out to your Hi-Fi. An adapter from 3.5mm may be necessary for your Hi-Fi, and you can purchase these in most electronics stores.

PowerBoost mode

PowerBoost increases the power of the Solar Sound 2 by over 25%. Simply plug in the supplied USB charging cable with mains adapter and turn on in either Bluetooth or analogue mode. During PowerBoost the battery will also be recharged.

Charging the battery

When the red light is flashing during playback, the battery is low and must be recharged (note, the red light flashes for 8 seconds after power on which is normal and shows searching for Bluetooth devices).

- By mains power using supplied AC/DC adapter:

To recharge, connect the supplied USB cable to the supplied mains adapter plug and the Solar Sound 2. When the Solar Sound 2 is powered off, the red light will be lit to indicate charging. When the battery is full, the light will change to green. Note, if the Solar Sound 2 is turned on while charging, there will be no red light but the battery is still being charged. The Solar Sound 2 will also be in PowerBoost mode at this time (see page 11).

- By solar power using the integrated solar panel:

Placing the Solar Sound 2 in direct sunlight will start to recharge the battery. The battery can be recharged in power off mode, standby mode, analogue mode and Bluetooth mode. However when music is playing the Solar power will be used to power the music, and not charge the battery. The solar power supplements the battery power to increase the playback time. If the music volume is not too high, it is possible for the solar panel to supply all the power and the battery power will not be used – so infinite playback is possible! We advise not to leave the Solar Sound 2 recharging inside a car on a hot day as the temperature can get very high which may shorten the lifespan of the integrated battery.

Specifications

- Dimensions: 165 x 58 x 59mm
- Amplification power: 2 x 2W RMS
- 3.7V, 1600mAh Lithium-Polymer rechargeable battery
- 6.5V, 130mA Monocrystalline solar panel
- Blueooth 2.0 +EDR (class II) with HFP, HSP, A2DP and AVRCP profiles
- Bluetooth range: Nominally 10 metre (33 feet) radius
- Playback time: On Bluetooth 5-10 hours. On analogue 5-20 hours. Longer playback times are possible using Solar power.
- Charging time (from empty): Mains power 5 hours, Solar power 12-24 hours (full overhead sunshine).
- 40mm full range speakers with rubber surround and woven cones
- Frequency response: 120Hz-20kHz
- Capacitive 3 button touch panel
- Integrated microphone
- 3.5mm line-out jack

Important information

- Some medical equipment may not be shielded from RF energy. Therefore, please do not use the Solar Sound 2 near medical equipment without permission.

- Please turn off the Solar Sound 2 before boarding any aircraft. To prevent any interference with communication systems, please do not use the Solar Sound 2 while on board an aircraft.

- The Solar Sound 2 is connected to a mobile phone or other electronics device using radio frequency signals which cannot guarantee connection under all conditions or circumstances. Therefore please never rely upon the Solar Sound 2 for essential or emergency communications.

- Please do not allow young children to play with the Solar Sound 2 as there are small parts.

- Only use the supplied AC/DC adapter to connect to mains power.

Care guidelines

Although the Solar Sound 2 is very robust, avoid dropping it from height onto hard surfaces and when transporting always use the supplied carrying case.

Do not expose the Solar Sound 2 to chemicals or strong heat.

Do not leave the Solar Sound 2 outdoors during rain or snow, and never submerge in water.

Troubleshooting

Bluetooth is connected, but no music plays from the Solar Sound 2:

Press and hold button B to enter standby mode, then press and hold again to resume from standby, and then wait for 30 seconds. This will force the Bluetooth to reconnect and should solve the problem. If it does not, please consult your mobile phone or portable music device instructions to make sure it is properly setup to play music or make calls through the Solar Sound 2 (such as choosing the Solar Sound 2 as an audio output).

Bluetooth keeps disconnecting or audio connection keeps dropping:

If you are using an Apple laptop or desktop computer, or any other computer with a *Broadcom* Bluetooth chipset, you may need to update your computer Bluetooth drivers in order to successfully connect to the Solar Sound 2.

The device will not power on:

Briefly connect the USB charging cable or place the Solar Sound 2 in direct sunlight to reset the charging protection circuit. If that does not work, plug the USB charging cable into the mains adapter and charge the Solar Sound 2 for at least 1 hour and try again.

Declaration of conformity

The Solar Sound 2, in combination with accessories, conforms to the international standards EN 301489, EN 300328, EN 50371, 55013, EN 55020 and EN 60950, following the provisions of the Radio Equipment and Telecommunication Terminal Equipment Directive 89/336/EEC and Low Voltage Directive 73/23/EEC.

$C\epsilon$

The Solar Sound 2 and accessories are fully compliant with the RoHS Directive …

RoHS

The Solar Sound 2 complies with part 15 of the FCC rules. The rules state that 1) The Solar Sound 2 may not cause any harmful interference 2) The Solar Sound 2 must accept any interference

FC

Contact Devotec Industries

It's always great to hear from our customers and we try to answer any questions or inquiries you may have. For sales advice, technical issues or wholesale orders:

You can contact us by email at: sales@devotecIndustries.com

If you want to write to us, please use one of the following addresses:

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